

# Advancing Disaster Risk Reduction through Earth Observation and Geospatial Technologies

ERATOSTHENES Centre of Excellence / UN-SPIDER

📍 Aliathon Holiday Village, Paphos, Cyprus

📅 28 April 2026, 9:15-11:00

🌐 12<sup>th</sup> International Conference on Remote Sensing and Geoinformation of Environment Conference

## Registration (8:30-9:15)

| Time   | Subject  | Speaker  |
|--|--|--|
| <b>Opening Session</b>   |  |  |
| 09:15 - 09:20  | Welcome remarks by UN-SPIDER   | Mr Lorant Czarán<br><i>Chief, Space Applications Section</i> |
| 09:20 - 09:25  | Welcome remarks by ERATOSTHENES CoE  | Dr. Marios Tzouvaras<br><i>Research Coordinator</i>          |
| <b>Earth Observation and Geospatial Technologies for Disaster Risk Reduction</b> |  |  |
| 09:25 - 09:35  | CyCLOPS: A Strategic Research Infrastructure Unit for Geohazards Monitoring in Cyprus and the Southeastern Mediterranean Region  | Prof. Chris Danezis  |
| 09:35 - 09:45  | Applicability of multivariate statistical approaches in flood mapping and planning   | Dr. Constantinos Panagiotou                                  |
| 09:45 - 09:55  | Geospatial Technologies in Strengthening Epidemic Preparedness and Response  | Dr. Neophytos Stylianou<br>Dr. Galatia Photiou               |
| 09:55 - 10:05  | Coastal Erosion Monitoring with Earth Observation  | Mr. Demetris Christofi                                       |
| 10:05 - 10:15  | Remote Sensing Technologies for Wildfire Monitoring and Management in Cyprus   | Dr. Maria Prodromou  |
| 10:15 - 10:25  | Earthquake Risk Assessment in Cyprus   | Prof. Nicholas Kyriakides                                    |
| 10:25 - 10:35  | Landslide Susceptibility Mapping Using Artificial Intelligence and Multi-Source Data Fusion: Applications and Case Studies   | Dr. Kyriaki Fotiou   |
| <b>OPEN DISCUSSION (10:35-10:45)</b>   |  |  |
| 10:45 - 11:00  | <b>Panel Discussion: Earth Observation based services for forest fires</b><br><b>Panelists:</b> Prof. Ioannis Gitas, Aristotle University of Thessaloniki   Dr. Michael Falkowski, Earth Fire Alliance   Mr. Ioannis Lantouris, OroraTech   Mr. Lorant Czarán, UN-SPIDER |  |

CONSORTIUM



AFFILIATED ENTITIES



This project has received funding from the European Union's "Horizon 2020 Research and Innovation Programme" under Grant Agreement No 857510".



This project has received funding from the Government of the Republic of Cyprus through the "Directorate General for European Programmes, Coordination and and Development".



This project is co-funded by the Cyprus University of Technology.